attached



10801 University Blvd • Manassas, VA 20110-2209 • Telephone: 703-365-2700 • FAX: 703-

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

jc675 U.S. PTO 09/464303 12/15/99

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Brigham & Women's Hospital
Attn: Gregory L. Stahl
Dept. of Anesthesia, 75 Francis Street
Boston, MA 02115

Deposited on Behalf of:

Brigham and Women's Hospital

Identification Reference by Depositor:

ATCC Designation

Mouse hybridoma hMBL1.2 HB-12619
Mouse hybridoma 2A9 HB-12620
Mouse hybridoma 3F8 HB-12621

The deposits were accompanied by: ___ a scientific description _ a proposed taxonomic description indicated above. The deposits were received <u>December 16, 1998</u> by this International Depository Authority and have been accepted.

AT YOUR REQUEST: X We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.

If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same.

The strains will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested January 20, 1999. On that date, the cultures were viable.

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature of person having authority to represent ATCC:

Barbara M. Hailey, Administrator, Patent Depository

Date: January 21, 1999

cc: Helen Lockhart (Ref. B0801/7130)

Express Mail No: EL018081415US

DEC 01,38 13:00

http://www.utec.org/forms/formbp1.htr

Budapest Treaty Deposits

American Type Culture Collection

10801 University Blvd., Manasses, VA 20110-2209 Tel. (703) 365-2700: Fax (703) 365-2745

TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE

INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE

PURPOSES OF PATENT PROCEDURE

All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

Source of isolation and any known hazards accorded to	ame including genus and species and source of material; if virus, name ographic location; if cell line, provide tissue & species, geographical HIV, EBV, etc.): if genetic materials, name of organism from which entified by species (e.g. human, mouse) or scientific name and provide
3F8 Hybridoma - Mouse anti-human mannos	e binding lectin antibody
	<u> </u>
	:
2. Strain designation (i.e., number, symbols, etc). 3F8	
The strain designation must correspond with the vial labels.	
3. Is this an original deposit under the Budapest Treaty? Yes	:
4. Is this a request for a conversion of a deposit already at the indicate ATCC designation. $N_{\mbox{O}}$	ATCC to meet the requirements of the Budapest Treaty? If so, please No.
5. Is this deposit a mixture of microorganisms or cells? No	
	:
Provide details necessary to cultivate, test for viability an method to check presence. (If plasmid, provide name of host &	store deposit. If mixture, provide description of components and a antibiotic resistance). See attachment
7. Provide sufficient description so that ATCC may confirm de	: posit properties (e.g., Gram negative rod) Mouse IgGlk isotype
a. If deposit is a cell culture, is it being cultured in the presence	of antibiotics? If so, please list the antibiotics
o If deposit is hybridoma, what is the isotype of antibody produced? IgG1	k
•	
8 is this strain hazardous to humans? No animals?	No plants? N() If yes, what is the recommended biosafety

http://www.utcc.org/forms/formbp1 a =

	level for working with this strain	(Ref. Guidelines for	Research Involving Recombinant DNA
	Availability: Prior to Issuance of a Udepositor or relevant patent office. Samples the Budapest Treaty Instructs ATCC	S. Patent, ATCC will only make a must be provided to a specific invest to do so. The following controls.	culture available as instructed by the stigator if a pertinent patent office under questions must be answered
	a. As of date of deposit or conversion to meet the requiranyone who requests a culture? If yes, the	ements of the Budapest Treaty, do re are no restrictions on d	you wish the deposit made available to istribution. Yes No _X
	 As of date of deposit or conversion to meet the requinerequesters which satisfy Patent Offices in countries not sit 	o with the mine management 1100(A)	you wish the deposit made available to
	If "yes," please state which countries below. Yes	No X	
	Please note that if you are converting your deposit to me been released for distribution due to the issuance of a U.S.	eet the requirements of the Budapes Patent, you cannot restrict it from f	st Treaty, and your deposit has already urther distribution.
	After a U.S. Patent issues, and we are so notified, ATCC U.S. Patent and Trademark Office Rules and Regulations	C makes the culture available to any	one who requests it, as allowed under
Form BP/1 F	Page 1 of 2 Rev. 1/97		
	10. Do you wish ATCC to inform you of all requests for this	strain? Yes X No	
	11. ATCC will notify you of your ATCC number after confir	makian ad tabu	
Name of Ind	ividual to notify: Gregory L. Stahl	induor of Viability testing is complete	(No Charge).
	Fax No. Telephone No. 617/278-6957		
	12. Payment by check, or credit card (MasterCard, V arrangements for billing have been made and approved. person who should receive invoice. Also, please include P.	ISA or American Express), must if arrangements have been made to 0. number.	accompany the deposit unless prior obili you for services, please indicate
	Purchase order # 2882		e to: James A. Webber, Jr.
	Credit Card number (indicate MasterCard, VISA,		BWH Anesthesia Foundation
or American	Express) Expiration Date		75 Francis Street Boston, MA 02115
#			
	the name shown on credit card Signature	:	
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http://www.atec.org/forms/formbp1.htm

For ATCC use only: Auth:	ROC
13. Name, address, telephone and facsimile num. B0801 / 7130 (see attach	ber of your attorney of record. (<u>Ref: Docket or Case No.</u>
14. MUST BE COMPLETED. Deposited on behalf of: (Vicompany or institute, and normally is not an Individual.)	erify with your management who owns the deposit. The owner is usually a righam and Women's Hospital
CUILUIE Should die or he destroyed during about	me for a period specified in Rule 9.1 of the Budapest Treaty (at least ost recent request for the deposit, whichever is longer), and that if a r the period of time so specified, it is my responsibility to replace it of viruses, cell cultures, plasmids, embryos, and seeds, it is my period of time specified above.
Typed Name Signature Date Gregory L. Stahl Center for Experimental Dept. of Anesthesia, Br THIS FORM MUST BE COMPLETED IN ENGI	Therapeutics and Reperfusion Injury igham & Women's Hospital, 75 Francis Street Boston, MA 02115
ADDRESS SHIPMENTS AND FORM TO THE ATTENTION OF: Patent	Depository
American Type Culture Collection	•
10801 University Blvd.	
Manassas, VA 20110-2209 U.S.A.	
ALL FEES SUBJECT TO CHANGE:	
COUNTED DUMBER \$1.50 Additional costs for solver of account	3 \$100 to \$400 or quoted price, dependent upon necessary material and/or eturn sample for approval (if not submitted frozen or freeze-dried or the
ive years after the last request for a sample, whichever is longe	S.A. STORAGE: Cultures are stored for 30 years from date of deposit or r. as required under the rules of patent offices in most countries.
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American Type Culture Collection

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TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

1. Name of deposit. (If microorganism, complete scientific name including genus and species and source of material; if virus, name and whether or not plant or animal and source including geographic location; if cell line, provide tissue & species, geographical source of isolation and any known hazards associated (e.g. HIV, EBV, etc.): if genetic materials, name of organism from which vector, clone or library is derived, source of the DNA insert identified by species (e.g. human, mouse) or scientific name and provide name of gene and identity of the host organism.)

provide
hMBL1.2 - mouse anti-human mannose binding lectin antibody
2. Strain designation (i.e., number, symbols, etc). hMBL1.2
*The strain designation must correspond with the vial labels.
3. Is this an original deposit under the Budapest Treaty? Yes
4. Is this a request for a conversion of a deposit already at the ATCC to meet the requirements of the Budapest Treaty? If so, please indicate ATCC designation. No
5. Is this deposit a mixture of microorganisms or cells? No
6. Provide details necessary to cultivate, test for viability and store deposit. If mixture, provide description of components and a method to check presence. (If plasmid, provide name of host & antibiotic resistance) See attachment
7 Provide sufficient description so that ATCC may confirm deposit properties (e.g. Gram negative rod) Mouse LGG1k
a If deposit is a cell culture, is it being cultured in the presence of antibiotics? If so, please list the antibiotics
b II deposit is hybridama, what is the isotype of antibody produced? IgG1k
8 is this strain hazardous to humans? NO animals? NO plants? No II yes, what is the recommended biosafety

http://www.atec.org/forms/formbpl.htr

	level for working	ng with this	strain							
	Molecules, NI	H Guideline	s. January 199	6) (www.nih gov	/od/orda/foc	html (Ret	Guidelmes for I	Resea	arch Involving Recombinant Di	VΔ
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Form BP/1	Page 1 of 2 Rev. 1					- 1-11-1	,,			
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	10. Do you wish	ATCC to i	nform you of all	requests for thi	s strain? Ve	. X	A1.			
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For ATCC use only: Auth:#:	_ ROC
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14. MUST BE COMPLETED. Deposited on behalf of: company or institute, and normally is not an individual.)	(Verify with your management who owns the deposit. The owner is usually a
Brigham a	ind Women's Hospital
30 years offer the date of the deposit may not be withdrawn	by me for a period accordance
culture should die or be destroyed during the life of the patent with a living culture of the same organism or cell, in the case responsibility to supply a sufficient quantity for distribution for the case of the same organism.	or the period of time as a series of the life and that if a
Typed Name Signature Date Gregory L. Stahl	
Address Center for Experiment	al Therapeutics and Reperfusion Injury,
Dept. of Anesthesia, 1	Brigham & Women's Hospital, 75 Francis Street
THIS FORM MUST BE COMPLETED IN EN	GLISH Boston, MA 02115
	/ VALLE
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American Type Culture Collection	
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American Type Culture Collection 0801 University Blvd. Manassas, VA 20110-2209 U.S.A.	
American Type Culture Collection 0801 University Blvd. Manassas, VA 20110-2209 U.S.A. ALL FEES SUBJECT TO CHANGE:	ent Depositary
American Type Culture Collection 0801 University Blvd. Manassas, VA 20110-2209 U.S.A. ALL FEES SUBJECT TO CHANGE: EES: 30 years' storage \$600, 30 years' notification \$360. Viability testion of cells or hybridomas \$500.	
American Type Culture Collection 0801 University Blvd. Manassas, VA 20110-2209 U.S.A. ALL FEES SUBJECT TO CHANGE: EES: 30 years' storage \$600. 30 years' notification \$360. Viability testing the storage storage additional samples of cells or hybridomas \$500. Sequired number) \$130. Additional costs for return of samples outside the last request for a sample, whichever is long	ing \$100 to \$400 or quoted price, dependent upon necessary material and/or Return sample for approval (if not submitted frozen or freeze-dried or the U.S.A. <u>STORAGE</u> : Cultures are stored for 30 years from date of deposit or ger, as required under the rules of patent offices in most countries.
American Type Culture Collection 0801 University Blvd. Manassas, VA 20110-2209 U.S.A. ALL FEES SUBJECT TO CHANGE: EES: 30 years' storage \$600. 30 years' notification \$360. Viability testing the storage storage additional samples of cells or hybridomas \$500. Sequired number) \$130. Additional costs for return of samples outside the last request for a sample, whichever is long	ing \$100 to \$400 or quoted price, dependent upon necessary material and/or Return sample for approval (if not submitted frozen or freeze-dried or the U.S.A. <u>STORAGE</u> : Cultures are stored for 30 years from date of deposit or ger, as required under the rules of patent offices in most countries.
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TO DEPOSIT OR TO CONVERT A DEPOSIT TO MEET THE REQUIREMENTS OF BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

All QUESTIONS MUST BE COMPLETED. PLEASE USE ONE FORM PER EACH STRAIN DEPOSITED.

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2. Strain design	ation (i.e., num	ber, symbols, et	c). 2A9							
The strain des	signation mus	t correspond v	vith the vial labe	els.						
3. Is this an orig	inal deposit un	der the Budapes	st Treaty? Yes	5						
4. ind	ls this a requi	est for a convers esignation. N	ion of a deposit a	already at the A	TCC to meet (the requirem	ents of the Bu	dapest Trea	ly7 if so, ;	please
Is this deposit	a modure of n	icroorganisms o	or cells? No							
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	level for working with this strain	(Ref. Guideline	es for Research involving Recombinant DNA
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	 Availability: Prior to Issuance of a U.s depositor or relevant patent office. Samples r the Budapest Treaty instructs ATCC 	S. Patent, ATCC will only ma nust be provided to a specific to do so. The followin	ke a culture available as instructed by the investigator if a pertinent patent office under g questions must be answered
	a. As of date of deposit or conversion to meet the require anyone who requests a culture? If yes, there	ments of the Budapest Treaty are no restrictions or	, do you wish the deposit made available to distribution. Yes No _X
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Form 8P/1 8	Page 1 of 2 Rev. 1/97		
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	Purchase order # 2882	Send invoice to:	James A. Webber, Jr.
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or American	Express) Expiration Date		75 Francis Street Boston, MA 02115
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Type or print	the name shown on credit card Signature		

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